

ABSTRACT

Distal anastomosis devices and associated methodology are described herein.

Connector and connector components as well as tools associated therewith are disclosed. The connectors are preferably adapted to produce an end-to-side anastomosis at a graft/coronary artery junction. A fitting alone, or a fitting in combination with a collar may be used as a connector. Each fitting may be deployed by deflecting its shape to provide clearance for a rear segment that rotates about adjoining hinge section(s) so to fit the connector within an aperture formed in a host vessel. Upon return to a substantially relaxed position, a rear segment anchors the fitting it in place. The distal fitting may include additional side features for interfacing with the host vessel/coronary artery. The collar may include features complimentary to those of a fitting and provisions for strain relief and securing the graft vessel.